

Winter 2-20-1981

Volume 16- Issue 15- February 20, 1981

Rose Thorn Staff

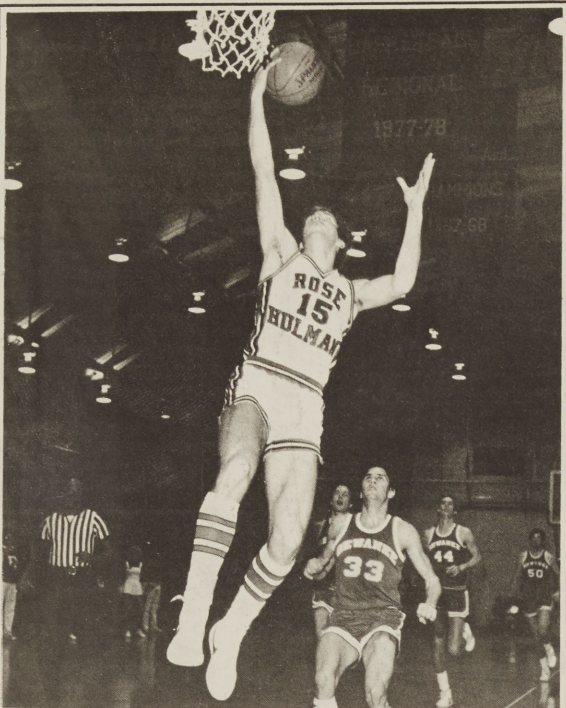
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Senior cagers honored

by Don Corson
Staff Reporter

Coach John Mutchner termed it "a very special evening" and it truly was for Rose-Hulman basketball as the Engineers wrapped up the 1980-81 home season with a 77-70 College Athletic Conference win over Sewanee last Saturday.

It was the last home-court appearance for senior starters Dave Strange, Jim Baske, and Ron Dale, and for senior Jerry Czarnecki, who has been hampered by an injury all season.

These seniors were honored in pre-game ceremonies, during which Coach Mutchner hailed them as "not only outstanding players, but outstanding people." And they were outstanding Saturday.

Performing before a packed Shook Fieldhouse Parents' Night crowd, the Engineers put forth probably their most emotional effort of

the season. Turnovers and squandered fast break opportunities plagued the over-anxious Engineers early in the game, but Strange provided consistent first-half offense and Rose trailed only once in the game at 4-6.

The second half belonged to Baske and Dale. Baske used his exceptional quickness and agility to score 13 points in the period. Dale, meanwhile, was anchoring the middle of Rose's tenacious 2-3 zone. Dale allowed Sewanee's inside men, 6-5 Chip Headrick and 6-6 Les Peters, just ten total points before fouling out with 6:47 left.

Senior team manager Matt Panuska put the exclamation point on the game by scoring his first and last varsity point on a free throw with eight seconds to go in the game.

Strange led Rose in scoring with 18 points, followed by junior Keith Oehlman (pictured above) with 17, Baske with 15, and Paul Wagner with 10.



Seniors celebrate their final home victory with Coach Mutchner. From left are manager Matt Panuska, Ron Dale, Jerry Czarnecki, Jim Baske, and Dave Strange. Photos by Pete Soller.

Photography contest announced

Announcing the 1981 Rose-Hulman Student Photography Show. Nine cash prizes will be awarded Friday, April 24, 1981. Photos will be judged in two categories: Engineering as Art and Open Competition. Prizes are:

Engineering as Art	
First Prize	\$100.00
Second Prize	\$70.00
Third Prize	\$45.00
Two Honorable Mentions	\$15.00
Open Competition	
First Prize	\$50.00
Second Prize	\$25.00
Two Honorable Mentions	\$10.00

In addition, twenty photos will be mounted and enlarged free.

As the prize amounts indicate, this year's show is encouraging entries in the Engineering as Art category which focuses on imaginative approaches in conceptualizing engineered objects.

Possible approaches to this might include photographing the grace of a bridge, the texture of a surface, the color tone of a plasma, the form of a circuit, the harmonic qualities of a waveform, the dynamics of fluid flow, the symmetry of a mechanical process or the beauty of a structural design.

Judging will be based on composition, creativity and artistic merit. Entries in the Open Competition may cover any subject matter.

RA applications now available

by John Marum
Columnist

Starting March 10th, application and recommendation forms for Resident Assistant (R.A.) selection will be available in the Union office.

R.A.'s are present in the Institute to run housing in a landlord-type function. They provide a way to register complaints and suggestions, initiate repairs and enforce institute rules.

However, an R.A. position goes much further. An R.A. is leader of those on his floor.

He organizes activities such as intramurals, halllympics and special informational presentations. He sets the example for a successful college

life.

In another sense, the R.A. is, in the words of Tom Miller, a "para-professional counselor," able to provide information and help with academic and personal difficulties.

Since the R.A. is on the "front line" with the residents of his hall, a close working relationship can be formed, putting the R.A. in the best position to deal with any such problems.

An inservice education program lets R.A.'s acquire or sharpen their skills in the areas of leadership, helpfulness, organization and awareness.

This program, along with the exchange of ideas with Pete & Donna Gustafson, Assistant Dean of Students and Director of

Student Union and Student Activities, Tom Miller and other R.A.s, builds interpersonal communication, motivation, time management and counseling skills which will carry over throughout one's life.

In addition, an R.A. receives a salary of \$1500 a year (but is negligible for work study) and is guaranteed single room.

In return, the R.A. is expected to make his position his highest priority (other than academics), to be on weekend duty every other week to arrange one educational session, and to arrive a few days early for an orientation workshop.

Everyone interested in being a Resident Assistant next year is encouraged to apply.

the Rose Thorn

Vol. 16, No. 15

Rose-Hulman Institute of Technology

February 20, 1981

Parking problem under study

by David Slavin
Staff Reporter

The latest recommendations of the Safety, Security, and Traffic Committee are currently being reviewed. Under consideration are greater fines and penalties, increased parking facilities, and alternatives to towaways.

Currently offenses are added upon a per quarter basis. Penalties range from a \$1.00 fine for a first offense to a \$15.00 fine and removal of Car Permit for a fourth offense.

Under the new proposals these penalties would be raised considerably. Offenses would be added up on a per year basis. Penalties would range from a \$5.00 fine, towaway, and disciplinary action for fourth

offenders. Also it would only take three offenses to have one's driving privileges revoked.

Unregistered vehicles would also receive stiffer penalties under the new proposals, except that first offenders would only receive a warning, instead of a \$10.00 fine under the current system.

These are only recommendations, however, and the current review process will probably revise the recommended penalties to a lower level.

Also under consideration were plans to expand parking facilities. Asphaltting the depression near the computing center and expanding the Speed parking lot were two such plans under consideration.

There has also been a lot of concern over the recent increase in towaways. Dr. Jess Lucas, Dean of Student Affairs, assures us that only those who had received three or more previous warnings had their cars towed away.

The administration would still prefer not to tow away vehicles due to the monetary and time costs to the student involved. Instead, the Committee looked into purchasing devices which would immobilize a car when clamped to the car's front tires.

Generally Rose has received about 98 percent compliance with its parking regulations. The fines would be raised only to encourage the remaining two percent to comply as well.

Khorana ASEE coordinator

Dr. Brij. M. Khorana, head of the Division of Physics at Rose-Hulman Institute of Technology, has been named national coordinator of regional effective teaching institutes for the American Society for Engineering Education.

The responsibilities of this volunteer position include coordinating the effective teaching workshops and programs sponsored by ASEE's Educational Research Methods Division in 14 regions of the United States. Dr. Khorana directed such an institute on the Rose-Hulman campus in November, 1979 — a conference evaluated by officials of ASEE as one of the most successful in a number of years.

The Rose-Hulman conference addressed the topic of creating a motivational environment for learning. The Myers-Briggs Type Indicator (MBTI), a personality indicator which can help students and faculty in

improving their learning or effectiveness in teaching, was central to the workshop.

Other recent ETI workshop topics have included testing, grading and evaluation of teaching effectiveness, educational psychology, self-paced instruction, computer-assisted teaching and the systems approach to teaching.

Initially, Dr. Khorana will organize a workshop of ETI campus directors at the ASEE annual meeting at the University of Southern California in June. He also is a member of the executive committee of the ASEE's Physics Division for the 1980-82 term and will be working with this group.

A native of India, Khorana earned the B.S. in physics at the University of Delhi in 1958 and the M. Tech. degree in industrial physics at the Indian Institute of Technology in 1961. Moving to the United States, he earned an M.S. in physics at the University of Chicago in 1964 and the Ph. D.

in solid state/low temperature physics at Case-Western Reserve University in 1967.

Khorana joined Rose-Hulman as an associate professor of physics in 1977 and was promoted to head of the Division of Physics in March, 1980 as the discipline was moved from department status within the Division of Electrical Engineering, Computer Science and Physics to become a separate division.

He previously had taught physics at the University of Notre Dame from 1970 to 1977.

Winner of the National Bureau of Standards' Precision Measurement Award in 1972, he is an active consultant in the area of precision measurements and has been cited for his contributions at the Naval Weapons Support Center at Crane, Ind., and the Naval Ship Weapons Systems Engineering Station in Port Hueneme, Calif. In the area of cryogenic technology, he has consulted to the cryogenic industry in India.

SAB activity recap

by Craig Warner
Staff Reporter

In the past few weeks, the Student Activities Board has put on several events here at Rose. Here is a brief recap of these for those of you who may have forgotten what you saw.

The comedy team of Edmonds & Curley performed two noontime shows on January 27. Both shows of this "Nooner," a first on the Rose campus, were well received, with the Union remaining packed for the full performance length. Some of their more memorable skits, complete with sound effects,

included a jet plane take-off, "boxer shorts," the draft physical, and duck hunting.

Dr. June Goodfield lectured on "Creativity in Science" at a convocation on February 5. She stressed what a scientist must do in order to properly research a topic, and how to best understand the phenomena which occur.

Finally, the annual Mattress Piling contest was held that evening during halftime of the Rose-DePauw basketball game, with five teams participating.

The SAB will be sponsoring a wife variety of events during spring quarter.

Editorial Thorn

Parking violations

by John Sparks Editor

Parking space on campus is a privilege many Rose students take for granted. Parking spaces on campus are ample for most events, even if not placed conveniently. Violations are inexpensive and hardly ever enforced. Few problems have existed beyond the occasional inconveniences of overflow fraternity parties and the necessity to park in the fieldhouse lot.

It is surprising, therefore, that Buildings and Grounds had to make an example out of a few fragrant violators by towing their cars off campus earlier this month. The violators were faced with twenty dollar towing charges after being warned the towings would take place. To further discourage habitual parking offenders, new fees which feature substantial penalty hikes are being proposed. These hikes or a more rigid enforcement of present regulations are probably necessary to ensure that a small group of students do not abuse the rights of the majority that stays within the liberal boundaries.

Rose students are fortunate to have the parking policies they do. All students are allowed to keep a car on campus, unlike policies at colleges such as Purdue and Eastern Illinois which prohibit freshmen registration. Parking stickers are given with no fee, another plus for students with cars. It is reasonable to expect that students with cars should support their parking lot construction, maintenance, and security expenses with some kind of fee, but this is not the case.

Parking lots are also well-placed in most cases. Residents of Speed, Mees, Blumberg, Scharpenburg, and the Apartments can find parking in a lot just a step from their residence hall. For BSB and Deming it is just a little further. Off-campus students can generally find a place to park just east of Moench Hall. In any case, when the above lots fill the fieldhouse lot is always available as overflow. The walk from the fieldhouse to even Moench or Speed Halls is not excessive.

It is hard to understand, therefore, the reasoning behind the repeat offender. Why do students try to avoid getting a free sticker? Why do they repeatedly park in violation areas, oftentimes causing unsafe conditions around the Hulman Union and Deming Hall, when legal spots are available close by? Since revoking parking privileges is both an unfair hardship for the Rose student and a problem to enforce for Buildings and Grounds workers, monetary penalties are the only viable alternative.

Buildings and Grounds has an unenviable task in enforcing parking violations. It is an important and necessary job, though. Towed car owners have no complaints. It is only hoped that violation enforcement will continue at such a serious level.

EDITORIAL

FRANKLY SPEAKING ...by phil frank



Coed stand supported

Dear Editor,

Bravo to Masters Sparks, Swinehart, and Yarcusko for their recent arguments concerning coeducation at Rose-Hulman! Their viewpoints highlight some of the true benefits of admitting qualified women.

Proponents of coeducation rarely include finding a date for every male student as a major argument for a change. Yet those opposed seem to interpret it as the primary pro rationale.

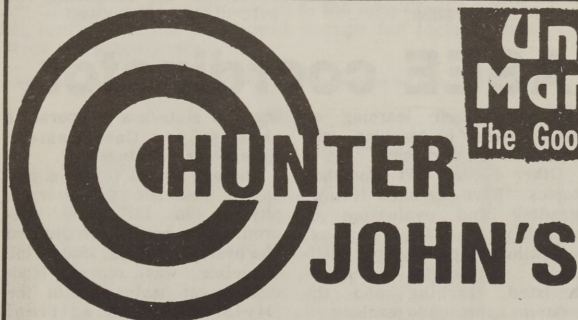
The Institute is known for having one of the broadest and most complete undergraduate engineering curricula in the nation. Many of those who commend the well-rounded academics, however, also support a non-cosmopolitan student body not only of a single sex cut but also of a generally homogeneous midwestern cul-

ture. More and more each year, Rose-Hulman's graduates must work with women in business and industry every day. Indeed, they are legally required to do so on a fair and equal basis with the men there.

Equally important, a well-rounded life includes informal socialization with the opposite sex and, for most, marriage. It is stupid to believe that the Institute's unrealistic environment can prepare students to successfully face these realities of the world.

In retrospect, I don't think I will again enter an all-male college, notwithstanding Rose-Hulman's unsurpassed academics and this year's \$20,000-plus job offers. Nor will I recommend a single-sex college to any prospective student.

Galen Kannarr



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The THORN

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Centre rout brings NCAA hope

by Kim Borgman

Last Wednesday night Rose-Hulman traveled to Centre College for a CAC contest. Having been beaten by Centre here in overtime, the Engineers were looking for revenge. They got it by winning 89-73, beating Centre for only the second time in four years.

The game was close for most of the first half. The Engineers jumped out to a 4-0 and 8-4 leads. At this point Centre got their game together and took the lead.

Ron Dale picked up his third foul with a little over eight minutes until the half. Keith Oehlman moved to forward and scored two quick baskets from the free throw line to put the Engineers ahead at the half 35-33.

The second half started out the same with both teams playing control ball and neither getting a big lead. But finally Jim Baske led a couple of fast breaks and Rose jumped to a ten point lead.

Centre called time to stop the momentum and whittled the lead down to five. Rose went to a four corner offense, got a couple of layups, and took control of the game.

They kept increasing their lead to the final sixteen point margin. Rose shot 63.4 percent from the field, their best accuracy all year. The Engineers also played good defense, holding Centre's leading scorer to eleven points.

Baske and Dale led the Engineers with 24 and 23 points. All five players were in double figures.

Coach Mutchner was pleased with the team's total play saying

it was the best of the year. The win stopped Centre's six game winning streak. Also it kept Rose in contention for a possible playoff spot if they win their remaining games.

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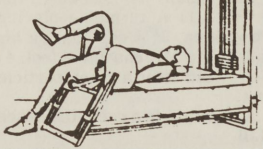
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IM Sports Round-Up

by Brad Burton

As finals near and another quarter comes to an end, winter IM activities are culminating. (Isn't that illegal in most states?)

how your favorite team fared in the playoffs, check out the first issue of The Thorn next quarter!

Among the exciting activities available this quarter were racquetball, volleyball, basketball, and bowling. To see

MAJOR BASKETBALL	
ATO	6-1
Ind. No. 19	6-1
R.C.F.	4-3
Fiji	3-3
Sigma Nu	3-4
LCA	2-4
Ind. No. 3	2-5
Ind. No. 1	1-6
MINOR A	
Speed 2A	6-0
BSB 3B	5-1
Fiji No. 1	4-2
ATO No. 3	3-3
DSP	2-4
Scharp No. 1	1-5
Ind. No. 7	0-6
MINOR B	
Sigma Nu No. 2	6-0
DSP No. 2	5-1
ATO No. 4	4-2
LCA No. 5	2-4
Ind. No. 18	2-4
Speed No. 4	1-5
Speed No. 2D	1-5
MINOR C	
LCA No. 4	7-0
Ind. No. 6	6-1
Deming No. 2	5-2
Speed 2B	3-4
Deming Attic	2-5
Fiji No. 2	2-5
Sigma Nu No. 3	2-5
BSB No. 2	1-6
MINOR D	
LCA No. 3	4-1
Ind. No. 17	4-1
Speed 2C	3-2
ATO No. 6	2-3
Blumberg No. 1	2-3
Fiji No. 3	0-5
MINOR E	
Sigma Nu No. 5	6-0
Speed No. 3	4-1
Triangle No. 1	2-2
Ind. No. 16	2-2
ATO No. 5	2-3
LCA No. 2	1-4
Fiji Meat	0-4
MINOR F	
LCA No. 1	6-0
Mees AG	4-1
Townies	4-2
BSB 1A	3-3
Ind. No. 8	3-3
OC No. 1	2-5
OC No. 2	1-4
Ind. No. 11	0-5
MINOR G	
Sigma Nu	8-0
BSB 00	4-2
Ind. No. 9	4-2
Ind. No. 15	4-2
Speed No. 5	4-4
Deming Base.	4-4
Ind. No. 4	2-5
Blumberg No. 2	2-6
BSB 3A	0-8
MINOR H	
Deming No. 3	6-0
Alumni	5-1
Faculty	3-2
Deming No. 1	3-3
Ind. No. 13	1-4
BSB 1B	1-4
Apt. C-4	0-5

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Campus Interviews
March 10, 1981

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Finals heist reveals questions

by Jack B. Nimble

In an effort to serve the general populous here at Rose-Hulman we have surreptitiously and clandestinely snuck a peek at some of the more intense questions on this quarter's semi-finals.

Calc. II

A bullet shape is obtained by rotating the line y equals x to the fourth. Given that the volume of the bullet is 12 pi inches cubed, find how many people would like to shoot their Calc II professor with it?

A. All of them.

Q. Fluid flows from a large septic tank into the Newby machine at the rate of 2 lumps per sec. Given that 30 students use the Newby machine every day, how long will it take the system to reach equilibrium?

A. Never, somehow the students always lose out.

Q. A certain math professor loses his hair at a rate of 5 strands per day and gets shorter at a rate of 1 inch per year. How long will it take until he vanishes into obscurity?

A. Another trick question, he is already obscure.

Physics

Q. A longshoreman is moved 9 inches by a sailor pulling on him with a constant force of 20 N sec. How long will it take the shoreman to come to the sailor? And in how many states is this illegal?

A. 2 min., and every state except Indiana.

Q. An enraged writer for The Thorn attacks the editor with a severely edited page 5. Given that the editor's skull is 2 feet thick and he is hit with an impulse of 25 N sec, how long will it be until I get my own page?

A. Another trick question, I do have my own page but no one else knows it.

Q. A certain physics professor is buried (semi) prematurely 6 ft. under ground. Given that he can dig through 10 lab books in one hour, how long will it take him to dig his way out? Now assume he is buried in Professor Winton's office.

A. 20 hours, and 2.8 billion years, with a bulldozer.

Computer Science

Q. Given that 350 freshmen are assigned a computer problem that takes each of them 20 hours to complete, and that there are only 25 terminals available, calculate the number of them that will die trying to get it done?

A. 10 of old age, 5 by starvation, and 3 by irate Sigma Nu's.

Q. Given an array one hundred by one hundred rank the following sort routines in order

of efficiency. 1) Bubble sort, 2) Frolik Sort, 3) He's not my sort, 4) Text editor, 5) Campus mail sort.

A. They are in the correct order.

Chem. E.

Q. A child drinks a half pound of milk through a 10 inch straw which is kept vertical at the bottom of a cylindrical glass. Given the depth of the glass and the height of the liquid, determine 1) how many Chem. E.'s will fit into a dark closet? 2) how many will wait outside for their turn? 3) how many will come out by their senior year?

A. Lots, even more, and none.

Q. If one taco (mass equals 15 grams) at a temperature of 15 degrees C turns to gas in a Chem E's intestinal track, what is the maximum work done?

A. Zero, of course. Chem E's don't do work.

Civil

Q. What is your name?

A. Although we can't list all the names, try looking in your wallet at any recent letters. (Ignore all those marked "occupant") Caution: never cheat on this question, no matter how tempting.

Q. A concrete canoe is constructed 8 ft. long by 2 ft. wide, and weighing 250 lbs. 1) After being placed in the duck pond, how many senior civils will drown because they can't unfasten their seat belts? 2)

Where will they attempt to bury the survivors?

E.E.

Q. Given that a TV station broadcasts with .5nW of power from London at channel 56, design a TV set to pick up the signal with less than -65db noise using only paper clips, coat hangers, and shorted stubs.

Q. Theveninize (bearing in mind that there is no such word as Theveninize) the TV set in the problem above.

Q. Three EE's work for 5 hours a day on a lamp for a senior project; calculate their salaries at graduation. 1) equal to the worker in the gameroom, 2) equal to a Chem E a month before graduation, 3) equal to the highest CE, or 4) more than "3" but less than "1"

ME

Q. A motor developing 300 hp is used to pry an ME away from a beer can. Which of the following is true? 1) The motor is over taxed, 2) The ME will die first, 3) The can is over taxed, 4) My father is over taxed.

A. All of the above.

Q. Which is spinning the fastest? 1) A turntable playing Van Halen, 2) A dog chasing his tail, 3) An ME chasing a fool, 4) Your head after a many particle test.

A. A bottle in a coed Residence Hall.

Blood Drive helpers thanked

The names of some of the groups who helped with the blood drive were inadvertently omitted in the previous Thorn article.

Thanks are in order also to the Faculty Wives Club for the cookies, and ARA for punch, chips, and napkins. Thanks!

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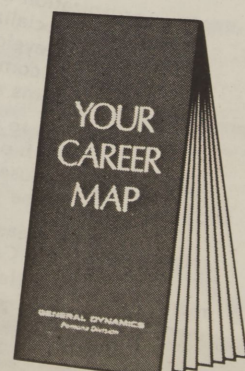
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